METHOD AND SYSTEM FOR HOST PROGRAMMABLE DATA STORAGE DEVICE SELF-TESTING

Abstract of the Disclosure

5   A method and system for providing programmable self-testing of a data storage device comprises selecting one or more host programmable tests stored in memory in the data storage device by setting data in a first log in memory of the data storage device. Parameters for execution of the one or more host programmable tests are set by setting one or more values in a second log in memory of the data storage device. The one or more host programmable tests on the data storage device are then executed. Results of the one or more host programmable tests are stored in a third log in memory of the data storage device.